

Amendments to the claims

Claims 1-36, 40-42, and 50 are withdrawn.

37. (currently amended) A method for bringing ~~two~~ two or more reagents in contact with one or more biological targets comprising the steps of,

    providing an array comprising,

    two or more reagents; and

    one or more barriers adapted to at least temporarily maintain said reagents in at least one arrangement of two or more reagent portions so that said portions do not commingle with each other, wherein each said portion is maintained at a predefined locale in said arrangement so that each of said portions is adapted to be brought into contact with one or more predefined, biological targets;

    providing one or more biological targets immobilized on a target support;

    designating an address to each reagent portion based on said predefined locale and an address to each of said biological targets;

    corresponding at least one of said reagent portions to at least one of said biological targets based on said designated reagent portion and biological target addresses;

    contacting said predefined reagent portions with their respective corresponding biological targets, whereby some or all of each specific reagent portion is transferred to said specific reagent portion's corresponding biological target immobilized on said target support.

38. (original) The method of claim 37, wherein said array comprises at least two or more reagents and wherein at least one of said reagent portions comprises all or part of two or more reagents.

39. (original) The method of claim 37, wherein one or more of said reagents is selected from a group consisting of DNA, RNA, antibodies, peptides, proteins, enzymes, carbohydrates, oligonucleotides, recombinant vectors, drugs, viruses, bacteria, mammalian cells, small organic molecules, and large organic molecules.

43. (original) The method of claim 37, wherein said barriers comprise one or more supports having at least one substantially level surface comprising a plurality of spaces surrounding and between said reagent portions wherein said reagent portions are maintained at said predefined locations so that said portions do not commingle.

44. (original) The method of claim 43, wherein one or more of said supports comprises one or more solid supports selected from a group consisting of rigid glass plates, rigid plastic plates, nitrocellulose membranes, nylon membranes, polyvinylidene difluoride membranes, metal membranes, and porous membranes.

45. (original) The method of claim 43, wherein one or more of said supports comprises a layer of one or more polymers adapted to immobilize one or more of said reagents.

46. (currently amended) The method of claim 37, wherein said step of providing ~~two~~ one or more biological targets comprises the step of seeding and adhering two or more target cells on one or more cell growth supports.

47. (original) The method of claim 37, wherein said step of contacting said predefined reagent portions with their respective corresponding biological targets, whereby some or all of each specific reagent portion is transferred to said specific reagent portion's corresponding biological target, comprises the step of, seeding and adhering one or more of said biological targets on said biological targets' corresponding predefined reagent portions.

48. (original) The method of claim 37, wherein said step of contacting step comprises the step of applying one or more conditions to one or more of said reagent portions to facilitate said transfer of some or all of each specific reagent portion to said specific reagent portion's corresponding biological target.

49. (original) The method of claim 48, wherein said step of applying one or more conditions comprises the step of applying one or more electric pulses to one or more of said reagent portions.